

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/2345C

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No.** **242754501US** on this date, **December 12, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

00727 U.S. PTO
10/734563**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Joseph A. Sorge

Title of Invention: DNA Polymerase Compositions for Quantitative PCR and Methods Thereof

- Type: ☐ New
☐ Continuation of:
☒ Continuation-in-Part of: 10/408,601
☐ Divisional of:
 which is hereby incorporated by reference in its entirety into the application filed herewith;

and includes the following papers:

1. ☒ Specification 88 pages (including specification, claims, abstract)/26 claims (7 independent)
2. ☒ Declaration/Power of Attorney is:
☐ Executed ☐ Unexecuted ☐ Executed copy from Parent Application
☒ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 62 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☒ Application Data Sheet
5. ☐ Preliminary Amendment.
6. ☐ Information Disclosure Statement
☐ Form 1449 ☐ A copy of each cited prior art reference (as necessary)
7. ☐ Assignment with Recordation Cover Sheet.
8. ☐ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

9. ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
10/408,601	7 April 2003
10/298,680	18 November 2002
10/280,962	25 October 2002

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

17364
121203

121203

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Atty. Docket N .: 25436/2345C

Application Number	Date of Filing (day, month, year)

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

- 11. ☐ Priority document(s).
- 12. ☐ Microfiche Computer Program (Appendix).
- 13. ☐ Nucleotide and/or Amino Acid Sequence Submission.
 - ☐ Computer Readable Copy.
 - ☐ Paper Copy (identical to computer copy).
 - ☐ Statement verifying identity of above copies.
- 14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
- 15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. § 1.27.
- 16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$770.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	140	120	\$18.00	2,160.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	7	4	\$86.00	344.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	YES		\$290.00	290.00
Subtotal - Filing Fee Due				3,564.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			1,782.00
TOTAL FILING FEE DUE				1,782.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0.00
GRAND TOTAL DUE				1,782.00

- 17. PAYMENT is:
 - ☒ included in the amount of \$1,782.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 25436/2345C.
 - ☐ not included, but deferred under 37 C.F.R. § 1.53(f).

- 18. All correspondence for the attached application should be directed to:

Kathleen M. Williams
Customer Number 27495
 111 Huntington Avenue
 Boston, MA 02199-7613

- 19. Other: _____

Respectfully submitted,

Date: December 12, 2003

By: _____

Name: Kathleen M. Williams
 Registration No.: 34,380

17364 U.S. PTO
121203

Atty. Docket No.: 25436/2345C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sorge, et al.
Serial No.: Continuation-in-Part of Application No. 10/408,601
Filed: December 12, 2003
Entitled: DNA POLYMERASE COMPOSITIONS FOR
QUANTITATIVE PCR AND METHODS THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242754501US** on this date, **December 12, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

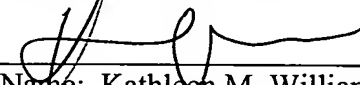
1. New Patent Application Transmittal;
2. Patent Application, (88 pages);
3. Sixty-two (62) sheets of informal drawings of Figs 1-17;
4. Application Data Sheet;
5. Check in the amount of \$1,782.00 for the requisite filing fee; and
6. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 25436/2345C. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: December 12, 2003


Name: Kathleen M. Williams
Registration No.: 34,380
Customer No.: 27495
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Tel: 617-239-0100